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## Firman Yanitra Elramsyah

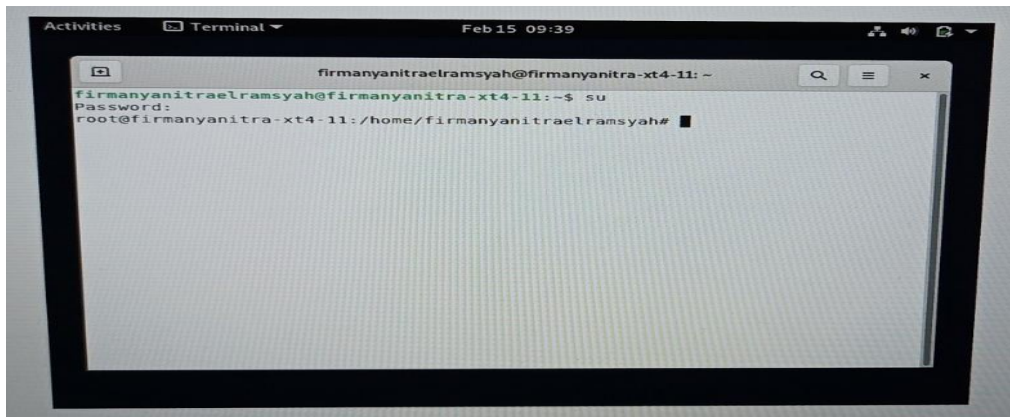
X TKJ 4

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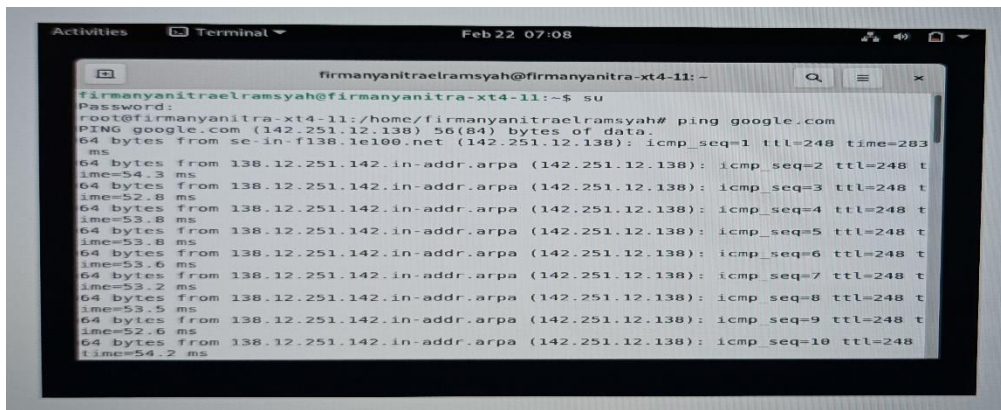
Berikut adalah proses :

1. Masuklah ke dalam root anda dengan mengisi password root

A terminal window titled 'firmanyanitraelramsyah@firmanyanitra-xt4-11: ~' showing the process of switching to root. The user enters 'su' at the prompt 'firmanyanitraelramsyah@firmanyanitra-xt4-11:~\$'. The prompt changes to 'root@firmanyanitra-xt4-11:/home/firmanyantiraelramsyah#', indicating successful root access.

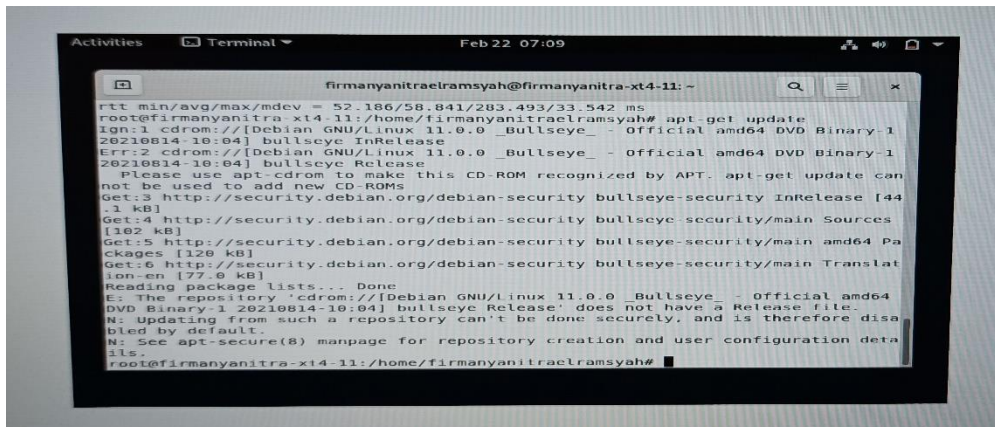
```
firmanyanitraelramsyah@firmanyanitra-xt4-11:~$ su
Password:
root@firmanyanitra-xt4-11:/home/firmanyantiraelramsyah#
```

2. Setelah masuk, ketiklah atau cek ping google.com

A terminal window titled 'firmanyanitraelramsyah@firmanyanitra-xt4-11: ~' showing the execution of the 'ping google.com' command. The output displays 10 successful ping results with varying response times.

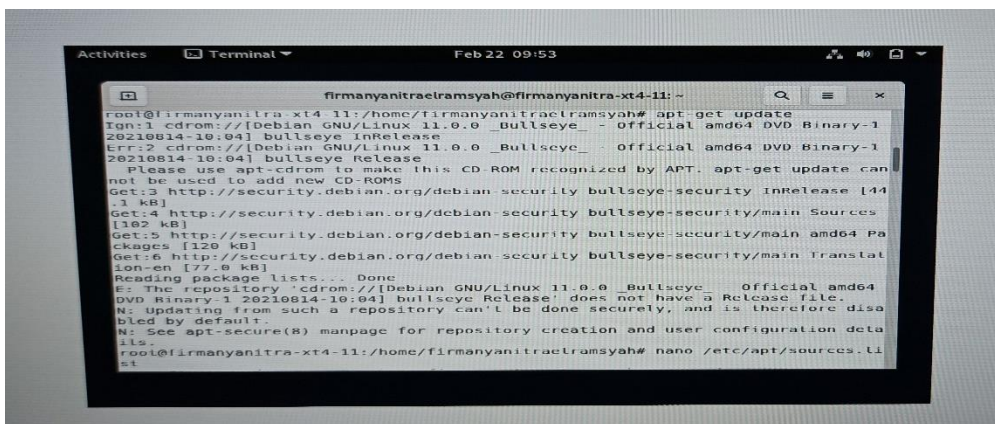
```
firmanyanitraelramsyah@firmanyanitra-xt4-11:~$ su
Password:
root@firmanyanitra-xt4-11:/home/firmanyantiraelramsyah# ping google.com
PING google.com (142.251.12.138) 56(84) bytes of data:
64 bytes from se-in-f138.1e100.net (142.251.12.138): icmp_seq=1 ttl=248 time=283
ms
64 bytes from 138.12.251.142.in-addr.arpa (142.251.12.138): icmp_seq=2 ttl=248 t
ime=54.3 ms
64 bytes from 138.12.251.142.in-addr.arpa (142.251.12.138): icmp_seq=3 ttl=248 t
ime=52.8 ms
64 bytes from 138.12.251.142.in-addr.arpa (142.251.12.138): icmp_seq=4 ttl=248 t
ime=53.8 ms
64 bytes from 138.12.251.142.in-addr.arpa (142.251.12.138): icmp_seq=5 ttl=248 t
ime=53.8 ms
64 bytes from 138.12.251.142.in-addr.arpa (142.251.12.138): icmp_seq=6 ttl=248 t
ime=53.6 ms
64 bytes from 138.12.251.142.in-addr.arpa (142.251.12.138): icmp_seq=7 ttl=248 t
ime=53.2 ms
64 bytes from 138.12.251.142.in-addr.arpa (142.251.12.138): icmp_seq=8 ttl=248 t
ime=53.5 ms
64 bytes from 138.12.251.142.in-addr.arpa (142.251.12.138): icmp_seq=9 ttl=248 t
ime=52.6 ms
64 bytes from 138.12.251.142.in-addr.arpa (142.251.12.138): icmp_seq=10 ttl=248
time=54.2 ms
```

### 3. Setelah itu, ketiklah apt-get update



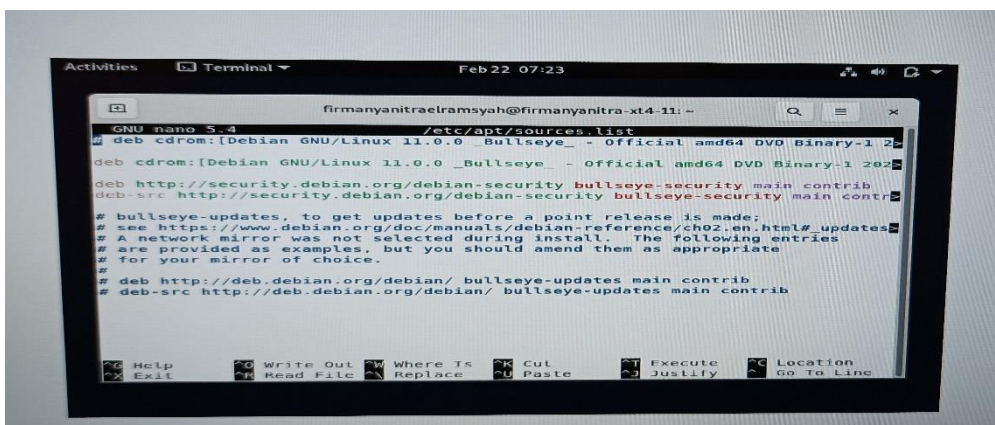
```
rtt min/avg/max/mdev = 52.186/58.841/283.493/33.542 ms
root@firmanyanitra-xt4-11:/home/firmanyanitraclramsyah# apt-get update
Ign:1 cdrom://[Debian GNU/Linux 11.0.0 _Bullseye_ - Official amd64 DVD Binary-1
20210814-10:04] bullseye InRelease
Err:2 cdrom://[Debian GNU/Linux 11.0.0 _Bullseye_ - Official amd64 DVD Binary-1
20210814-10:04] bullseye Release
Please use apt-cdrom to make this CD-ROM recognized by APT. apt-get update can
not be used to add new CD-ROMs
Get:3 http://security.debian.org/debian-security bullseye-security InRelease [44
.1 kB]
Get:4 http://security.debian.org/debian-security bullseye-security/main Sources
[102 kB]
Get:5 http://security.debian.org/debian-security bullseye-security/main amd64 Pa
ckages [120 kB]
Get:6 http://security.debian.org/debian-security bullseye-security/main Translat
ion-en [77.0 kB]
Reading package lists... Done
E: The repository 'cdrom://[Debian GNU/Linux 11.0.0 _Bullseye_ - Official amd64
DVD Binary-1 20210814-10:04] bullseye Release' does not have a Release file.
N: Updating from such a repository can't be done securely, and is therefore disa
bled by default.
N: See apt-secure(8) manpage for repository creation and user configuration deta
ils.
root@firmanyanitra-xt4-11:/home/firmanyanitraclramsyah#
```

### 4. Setelah itu, ketiklah nano /etc/apt/sources.list



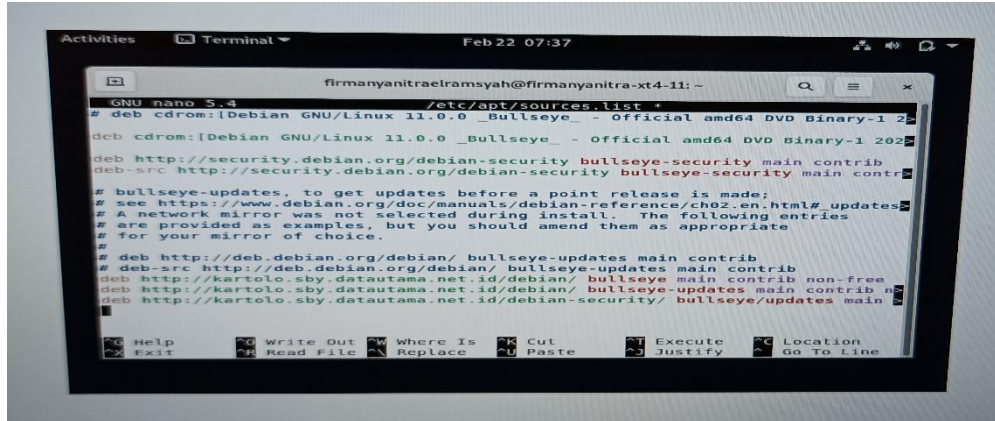
```
root@firmanyanitra-xt4-11:/home/firmanyanitraclramsyah# apt-get update
Ign:1 cdrom://[Debian GNU/Linux 11.0.0 _Bullseye_ - Official amd64 DVD Binary-1
20210814-10:04] bullseye InRelease
Err:2 cdrom://[Debian GNU/Linux 11.0.0 _Bullseye_ - Official amd64 DVD Binary-1
20210814-10:04] bullseye Release
Please use apt-cdrom to make this CD-ROM recognized by APT. apt-get update can
not be used to add new CD-ROMs
Get:3 http://security.debian.org/debian-security bullseye-security InRelease [44
.1 kB]
Get:4 http://security.debian.org/debian-security bullseye-security/main Sources
[102 kB]
Get:5 http://security.debian.org/debian-security bullseye-security/main amd64 Pa
ckages [120 kB]
Get:6 http://security.debian.org/debian-security bullseye-security/main Translat
ion-en [77.0 kB]
Reading package lists... Done
E: The repository 'cdrom://[Debian GNU/Linux 11.0.0 _Bullseye_ - Official amd64
DVD Binary-1 20210814-10:04] bullseye Release' does not have a Release file.
N: Updating from such a repository can't be done securely, and is therefore disa
bled by default.
N: See apt-secure(8) manpage for repository creation and user configuration deta
ils.
root@firmanyanitra-xt4-11:/home/firmanyanitraclramsyah# nano /etc/apt/sources.li
st
```

### 5. Hasil ketika sudah masuk ke sources.list (tampilan awal)



```
GNU nano 3.4 /etc/apt/sources.list
deb cdrom:[Debian GNU/Linux 11.0.0 _Bullseye_ - Official amd64 DVD Binary-1 20
deb cdrom:[Debian GNU/Linux 11.0.0 _Bullseye_ - Official amd64 DVD Binary-1 20
deb http://security.debian.org/debian-security bullseye-security main contrib
deb-src http://security.debian.org/debian-security bullseye-security main contrib
# bullseye-updates, to get updates before a point release is made:
# see https://www.debian.org/doc/manuals/debian-reference/ch02.en.html#updates
# A network mirror was not selected during install. The following entries
# are provided as examples, but you should amend them as appropriate
# for your mirror of choice.
# deb http://deb.debian.org/debian/ bullseye-updates main contrib
# deb-src http://deb.debian.org/debian/ bullseye-updates main contrib
```

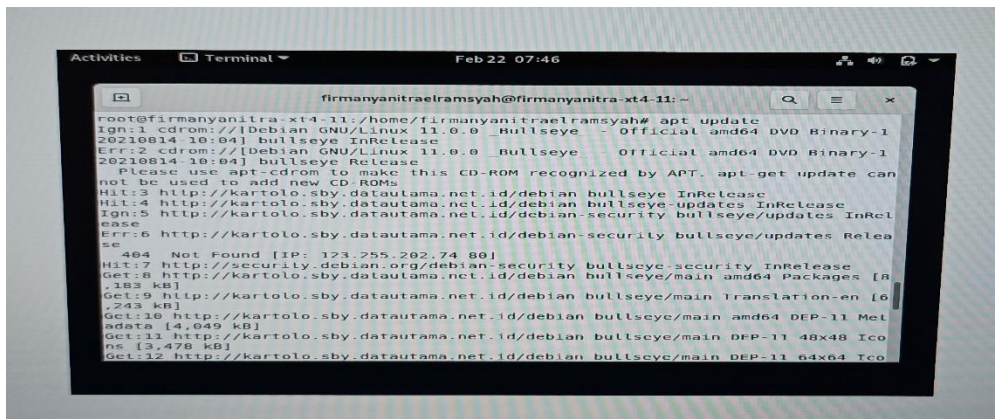
## 6. Tampilan sources.list (tampilan akhir)



```
GNU nano 2.9.4 /etc/apt/sources.list
# deb cdrom:[Debian GNU/Linux 11.0.0 _Bullseye_ - Official amd64 DVD Binary-1 20210814-10:04] bullseye InRelease
deb cdrom:[Debian GNU/Linux 11.0.0 _Bullseye_ - Official amd64 DVD Binary-1 20210814-10:04] bullseye InRelease
deb http://security.debian.org/debian-security bullseye-security main contrib
deb-src http://security.debian.org/debian-security bullseye-security main contrib
# bullseye-updates, to get updates before a point release is made;
# see https://www.debian.org/doc/manuals/debian-reference/ch02.en.html#updates
# A network mirror was not selected during install. The following entries
# are provided as examples, but you should amend them as appropriate
# for your mirror of choice.
#
# deb http://deb.debian.org/debian/ bullseye-updates main contrib
# deb-src http://deb.debian.org/debian/ bullseye-updates main contrib
deb http://kartolo.sby.datautama.net.id/debian/ bullseye main contrib non-free
deb http://kartolo.sby.datautama.net.id/debian/ bullseye-updates main contrib non-free
deb http://kartolo.sby.datautama.net.id/debian-security/ bullseye-updates main contrib non-free
```

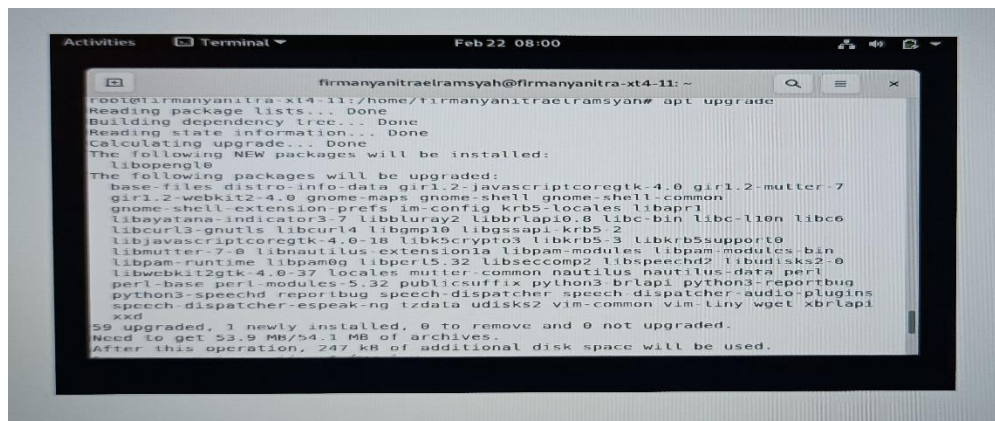
## 7. Setelah itu keluar dari sources list dan kembali ke halaman awal

## 8. Setelah itu, ketiklah apt update



```
root@firmanyanitra-xt4-11: /home/firmanyanitraelramsyah# apt update
Ign:1 cdrom:[Debian GNU/Linux 11.0.0 _Bullseye_ - Official amd64 DVD Binary-1 20210814-10:04] bullseye InRelease
Err:2 cdrom:[Debian GNU/Linux 11.0.0 _Bullseye_ - Official amd64 DVD Binary-1 20210814-10:04] bullseye InRelease
Please use apt-cdrom to make this CD-ROM recognized by APT. apt-get update can
not be used to add new CD-ROMs.
Hit:3 http://kartolo.sby.datautama.net.id/debian bullseye InRelease
Hit:4 http://kartolo.sby.datautama.net.id/debian-security bullseye-security InRelease
Ign:5 http://kartolo.sby.datautama.net.id/debian-security bullseye-updates InRelease
Err:6 http://kartolo.sby.datautama.net.id/debian-security bullseye-updates InRelease
404 Not Found [IP: 123.255.282.74 80]
Hit:7 http://security.debian.org/debian-security bullseye-security InRelease
Get:8 http://kartolo.sby.datautama.net.id/debian bullseye/main amd64 Packages [8,283 kB]
Get:9 http://kartolo.sby.datautama.net.id/debian bullseye/main translation-en [6,243 kB]
Get:10 http://kartolo.sby.datautama.net.id/debian bullseye/main amd64 DEP-11 Metad
adata [4,049 kB]
Get:11 http://kartolo.sby.datautama.net.id/debian bullseye/main DEP-11 48x48 Ico
ns [3,478 kB]
Get:12 http://kartolo.sby.datautama.net.id/debian bullseye/main DEP-11 64x64 Ico
ns [3,478 kB]
```

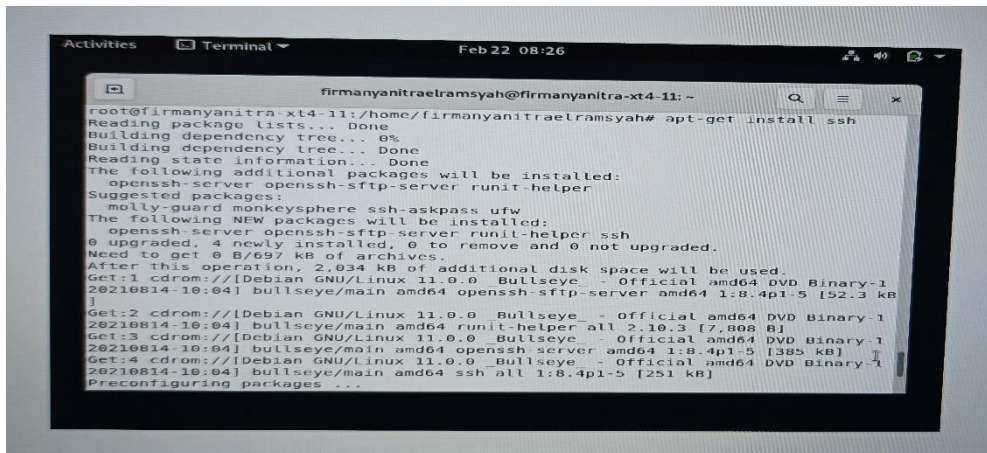
## 9. Setelah itu ketiklah apt upgrade



```
root@firmanyanitra-xt4-11: /home/firmanyanitraelramsyah# apt upgrade
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
Calculating upgrade... Done
The following NEW packages will be installed:
  libopenjp6
The following packages will be upgraded:
  base-files distro-info-data gir1.2-javascriptcoregtk-4.0 gir1.2-mutter-7
  gir1.2-webkit2-4.0 gnome-maps gnome-shell gnome-shell-common
  gnome-shell-extension-prefs im-config krb5-locales libapril1
  libayatana-indicator3-7 libbluemoon2 libbrlapi0.8 libc-bin libc-l10n libc6
  libcurl3-gnutls libcurl4 libgmp10 libgssapi-krb5-2
  libjavascriptcoregtk-4.0-18 libk5crypto3 libkrb5-3 libkrb5support0
  libmutter-7-0 libnautilus-extension1a libpam-modules libpam-modules-bin
  libpam-runtime libpam0g libperl5.32 libseccomp2 libspeechd2 libudisks2-0
  libwebkit2gtk-4.0-37 locales mutter-common nautilus nautilus-data perl
  perl-base perl-modules-5.32 publicsuffix python3-brlapi python3-reportbug
  python3-speechd reportbug speech-dispatcher speech-dispatcher-audio-plugins
  speech-dispatcher-espeak-ng tzdata udisks2 vim-common vim-tiny wget xbrlapi
  xxd
59 upgraded, 1 newly installed, 0 to remove and 0 not upgraded.
Need to get 53.9 MB/54.1 MB of archives.
After this operation, 247 kB of additional disk space will be used.
```

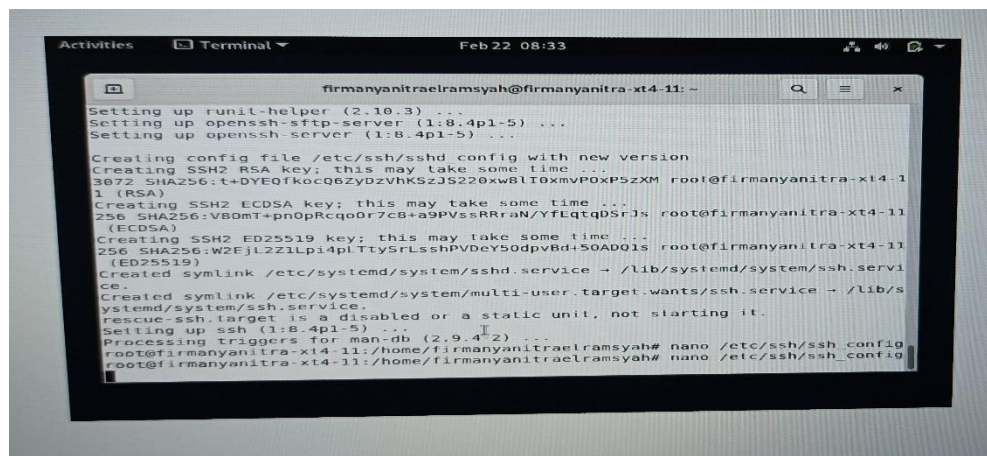


10. Setelah itu ketiklah apt-get install ssh



```
firmanyanitraelramsyah@firmanyanitra-xt4-11: ~  
root@firmanyanitra-xt4-11:/home/firmanyanyitraelramsyah# apt-get install ssh  
Reading package lists... Done  
Building dependency tree... 0%  
Building dependency tree... Done  
Reading state information... Done  
The following additional packages will be installed:  
openssh-server openssh-sftp-server runit-helper  
Suggested packages:  
molly-guard monkeysphere ssh-askpass ufw  
The following NEW packages will be installed:  
openssh-server openssh-sftp-server runit-helper ssh  
0 upgraded, 4 newly installed, 0 to remove and 0 not upgraded.  
Need to get 0 B/697 kB of archives.  
After this operation, 2,034 kB of additional disk space will be used.  
Get:1 cdrom://[Debian GNU/Linux 11.0.0_Bullseye_ - Official amd64 DVD Binary-1  
20210814-10:04] bullseye/main amd64 openssh-sftp-server amd64 1:8.4p1-5 [52.3 kB]  
Get:2 cdrom://[Debian GNU/Linux 11.0.0_Bullseye_ - Official amd64 DVD Binary-1  
20210814-10:04] bullseye/main amd64 runit-helper all 2.10.3 [7,608 B]  
Get:3 cdrom://[Debian GNU/Linux 11.0.0_Bullseye_ - Official amd64 DVD Binary-1  
20210814-10:04] bullseye/main amd64 openssh-server amd64 1:8.4p1-5 [385 kB]  
Get:4 cdrom://[Debian GNU/Linux 11.0.0_Bullseye_ - Official amd64 DVD Binary-1  
20210814-10:04] bullseye/main amd64 ssh all 1:8.4p1-5 [251 kB]  
Preconfiguring packages ...
```

11. Setelah itu ketiklah nano etc/ssh/ssh\_config



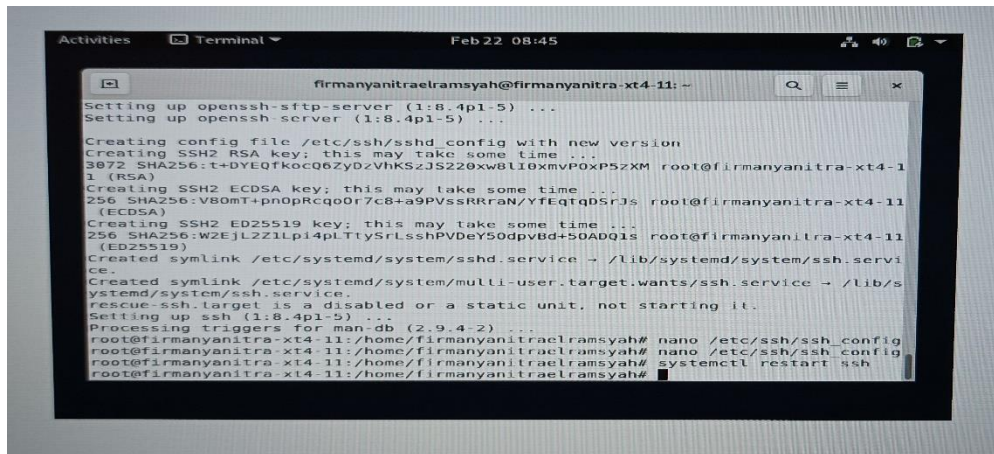
```
firmanyanitraelramsyah@firmanyanitra-xt4-11: ~  
Setting up runit-helper (2.10.3) ...  
Setting up openssh-sftp-server (1:8.4p1-5) ...  
Setting up openssh-server (1:8.4p1-5) ...  
Creating config file /etc/ssh/sshd_config with new version  
Creating SSH2 RSA key; this may take some time ...  
3072 SHA256:t+DYE0fkocQ6ZyDzVhKSzJS220xw8lI0xmVPOxP5zXM root@firmanyanitra-xt4-11  
(RSA)  
Creating SSH2 ECDSA key; this may take some time ...  
256 SHA256:VB0MT+pn0pRcqo0r7cB+a9PVssRRrAN/YfLqtQDSrJs root@firmanyanitra-xt4-11  
(ECDSA)  
Creating SSH2 ED25519 key; this may take some time ...  
256 SHA256:W2Ej12Z1Lpi4plTty5rLsshPVDeY50dpv8d+50ADQ1s root@firmanyanitra-xt4-11  
(ED25519)  
Created symlink /etc/systemd/system/ssh.service → /lib/systemd/system/ssh.servi  
ce.  
Created symlink /etc/systemd/system/multi-user.target.wants/ssh.service → /lib/s  
ystemd/system/ssh.service.  
rescue-ssh.target is a disabled or a static unit, not starting it.  
Setting up ssh (1:8.4p1-5) ...  
Processing triggers for man-db (2.9.4-2) ...  
root@firmanyanitra-xt4-11:/home/firmanyanyitraelramsyah# nano /etc/ssh/ssh_config  
root@firmanyanitra-xt4-11:/home/firmanyanyitraelramsyah# nano /etc/ssh/ssh_config
```

12. Setelah masuk ke ssh config, silahkan scroll bawah dan hapus “#” bagian tulisan port 22

\*gambar file hilang

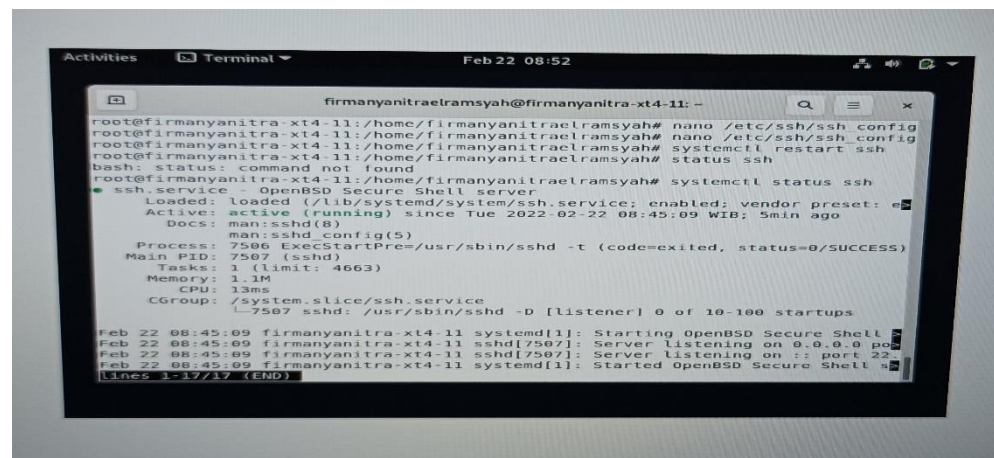
13. Setelah itu keluar dari ssh config, dan kembali ke tampilan awal

#### 14. Setelah itu, ketik systemctl restart ssh



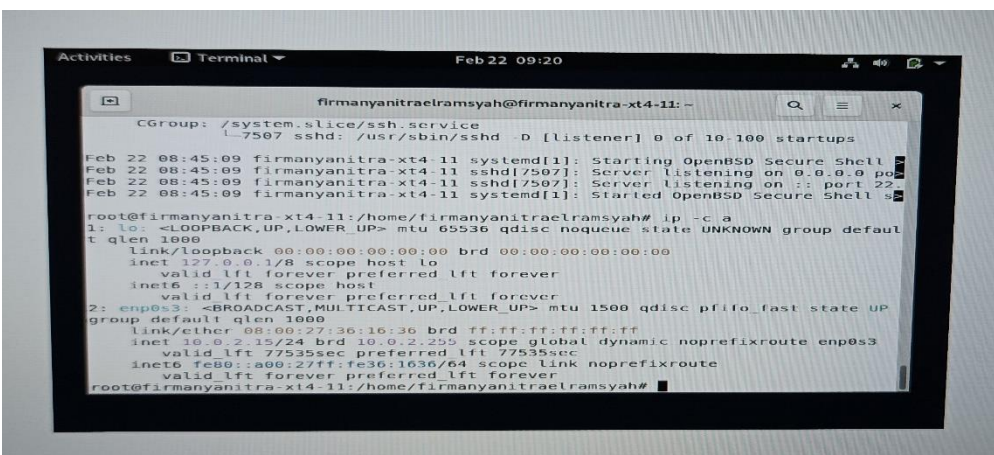
```
firmanyanitraelramsyah@firmanyanitra-xt4-11: ~  
Setting up openssh-sftp-server (1:8.4p1-5) ...  
Setting up openssh server (1:8.4p1-5) ...  
  
Creating config file /etc/ssh/sshd_config with new version  
Creating SSH2 RSA key; this may take some time ...  
3072 SHA256:t+DYE0fkocQ6ZyDzVhKSzJS220xwB1l0xmvP0xP5zXM root@firmanyanitra-xt4-11 (RSA)  
Creating SSH2 ECDSA key; this may take some time ...  
256 SHA256:V80mT+pnOpRcq0r7c8+a9PVssRRraN/YfEqtdSrJ7s root@firmanyanitra-xt4-11 (ECDSA)  
Creating SSH2 ED25519 key; this may take some time ...  
256 SHA256:WZejL2Z1Lp14pLTTySrLsshPVDeY50dpvBd+50A0Q1s root@firmanyanitra-xt4-11 (ED25519)  
Created symlink /etc/systemd/system/ssh.service → /lib/systemd/system/ssh.service.  
Created symlink /etc/systemd/system/multi-user.target.wants/ssh.service → /lib/systemd/system/ssh.service.  
rescue-ssh.target is a disabled or a static unit, not starting it.  
Setting up ssh (1:8.4p1-5) ...  
Processing triggers for man-db (2.9.4-2) ...  
root@firmanyanitra-xt4-11:/home/firmanyanitraelramsyah# nano /etc/ssh/ssh_config  
root@firmanyanitra-xt4-11:/home/firmanyanitraelramsyah# nano /etc/ssh/ssh_config  
root@firmanyanitra-xt4-11:/home/firmanyanitraelramsyah# systemctl restart ssh  
root@firmanyanitra-xt4-11:/home/firmanyanitraelramsyah#
```

#### 15. Setelah itu, ketik systemctl status ssh



```
firmanyanitraelramsyah@firmanyanitra-xt4-11: ~  
root@firmanyanitra-xt4-11:/home/firmanyanitraelramsyah# nano /etc/ssh/ssh_config  
root@firmanyanitra-xt4-11:/home/firmanyanitraelramsyah# nano /etc/ssh/ssh_config  
root@firmanyanitra-xt4-11:/home/firmanyanitraelramsyah# systemctl restart ssh  
root@firmanyanitra-xt4-11:/home/firmanyanitraelramsyah# status ssh  
bash: status: command not found  
root@firmanyanitra-xt4-11:/home/firmanyanitraelramsyah# systemctl status ssh  
● ssh.service - OpenBSD Secure Shell server  
   Loaded: loaded (/lib/systemd/system/ssh.service; enabled; vendor preset: enabled)  
   Active: active (running) since Tue 2022-02-22 08:45:09 WIB; 5min ago  
     Docs: man:sshd(8)  
           man:sshd_config(5)  
   Process: 7506 ExecStartPre=/usr/sbin/sshd -t (code=exited, status=0/SUCCESS)  
    Main PID: 7507 (sshd)  
       Tasks: 1 (limit: 4663)  
      Memory: 1.1M  
         CPU: 13ms  
    CGroup: /system.slice/ssh.service  
            └─7507 sshd: /usr/sbin/sshd -D [listener] 0 of 10-100 startups  
  
Feb 22 08:45:09 firmanyanitra-xt4-11 systemd[1]: Starting OpenBSD Secure Shell  
Feb 22 08:45:09 firmanyanitra-xt4-11 sshd[7507]: Server listening on 0.0.0.0 port  
Feb 22 08:45:09 firmanyanitra-xt4-11 sshd[7507]: Server listening on :: port 22  
Feb 22 08:45:09 firmanyanitra-xt4-11 systemd[1]: Started OpenBSD Secure Shell s  
[lines 1-17/17 (END)]
```

#### 16. Setelah itu, ketik ip -c a



```
firmanyanitraelramsyah@firmanyanitra-xt4-11: ~  
CGroup: /system.slice/ssh.service  
└─7507 sshd: /usr/sbin/sshd -D [listener] 0 of 10-100 startups  
  
Feb 22 08:45:09 firmanyanitra-xt4-11 systemd[1]: Starting OpenBSD Secure Shell  
Feb 22 08:45:09 firmanyanitra-xt4-11 sshd[7507]: Server listening on 0.0.0.0 po  
Feb 22 08:45:09 firmanyanitra-xt4-11 sshd[7507]: Server listening on :: port 22  
Feb 22 08:45:09 firmanyanitra-xt4-11 systemd[1]: Started OpenBSD Secure Shell s  
  
root@firmanyanitra-xt4-11:/home/firmanyanitraelramsyah# ip -c a  
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default  
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00  
    inet 127.0.0.1/8 scope host lo  
        valid lft forever preferred lft forever  
    inet6 ::1/128 scope host  
        valid lft forever preferred lft forever  
2: enp0s3: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc pfifo_fast state UP  
    group default qlen 1000  
    link/ether 08:00:27:36:16:36 brd ff:ff:ff:ff:ff:ff  
    inet 10.0.2.15/24 brd 10.0.2.255 scope global dynamic noprefixroute enp0s3  
        valid lft 77535sec preferred lft 77535sec  
    inet6 fe80::a09:27ff:fe36:1636/64 scope link noprefixroute  
        valid lft forever preferred lft forever  
root@firmanyanitra-xt4-11:/home/firmanyanitraelramsyah#
```

17. Setelah itu cek ip anda, bisa melalui cara ke cmd lalu ketik ipconfig

```
Wireless LAN adapter Wi-Fi:

Connection-specific DNS Suffix . : 
IPv6 Address. . . . . : 2001:448a:50e0:379d:219b:f78d:53f5:cbbd
Temporary IPv6 Address. . . . . : 2001:448a:50e0:379d:111a:cc4b:3255:f61e
Link-local IPv6 Address . . . . . : fe80::219b:f78d:53f5:cbbdX7
IPv4 Address. . . . . : 192.168.1.11
Subnet Mask . . . . . : 255.255.255.0
Default Gateway . . . . . : fe80::1X7
                             192.168.1.1

Ethernet adapter Bluetooth Network Connection:

Media State . . . . . : Media disconnected
Connection-specific DNS Suffix . : 

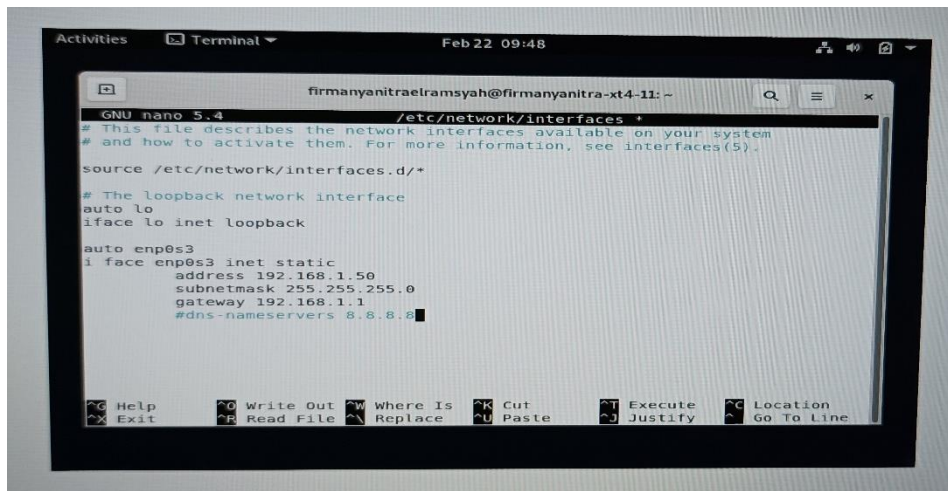
C:\Users\GF75 631>
```

18. Setelah itu kembali ke virtual box, dan ketik nano /etc/network/interfaces

```
Activities Terminal Feb 22 09:29
firmanyanitraelramsyah@firmanyanitra-xt4-11: ~
Feb 22 08:45:09 firmanyanitra-xt4-11 systemd[1]: Starting OpenBSD Secure Shell
Feb 22 08:45:09 firmanyanitra-xt4-11 sshd[7507]: Server listening on 0.0.0.0 po
Feb 22 08:45:09 firmanyanitra-xt4-11 sshd[7507]: Server listening on :: port 22
Feb 22 08:45:09 firmanyanitra-xt4-11 systemd[1]: Started OpenBSD Secure Shell s
root@firmanyanitra-xt4-11:/home/firmanyanitraelramsyah# ip -c a
1: lo: <LOOPBACK,UP,LOWER UP> mtu 65536 qdisc noqueue state UNKNOWN group default
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
        valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host
        valid_lft forever preferred_lft forever
2: enp0s3: <BROADCAST,MULTICAST,UP,LOWER UP> mtu 1500 qdisc pfifo_fast state UP
    group default qlen 1000
    link/ether 08:00:27:36:16:36 brd ff:ff:ff:ff:ff:ff
    inet 10.0.2.15/24 brd 10.0.2.255 scope global dynamic noprefixroute enp0s3
        valid_lft 77535sec preferred_lft 77535sec
    inet6 fe80::a00:27ff:fe36:1636/64 scope link noprefixroute
        valid_lft forever preferred_lft forever
root@firmanyanitra-xt4-11:/home/firmanyanitraelramsyah# nano /etc/network/interf
aces
root@firmanyanitra-xt4-11:/home/firmanyanitraelramsyah# nano /etc/network/interf
aces
```



19. Setelah masuk di network interfaces, ketik dibagian bawah sebagai berikut dan ketik berdasarkan ip dari komputer anda tadi.



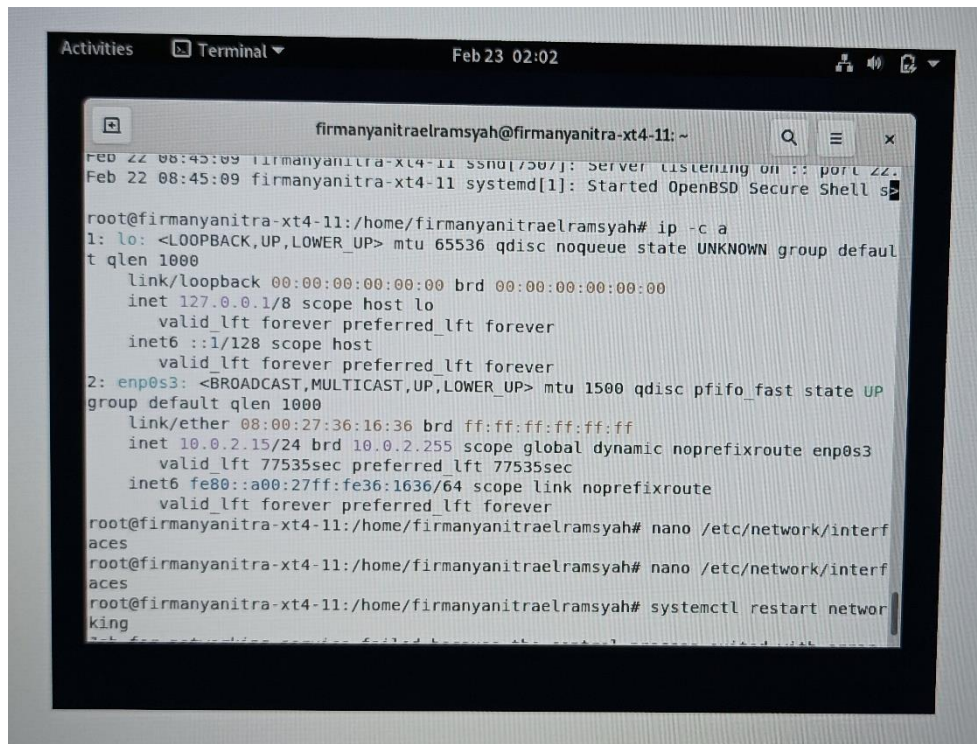
```
GNU nano 5.4 /etc/network/interfaces
# This file describes the network interfaces available on your system
# and how to activate them. For more information, see interfaces(5).

source /etc/network/interfaces.d/*

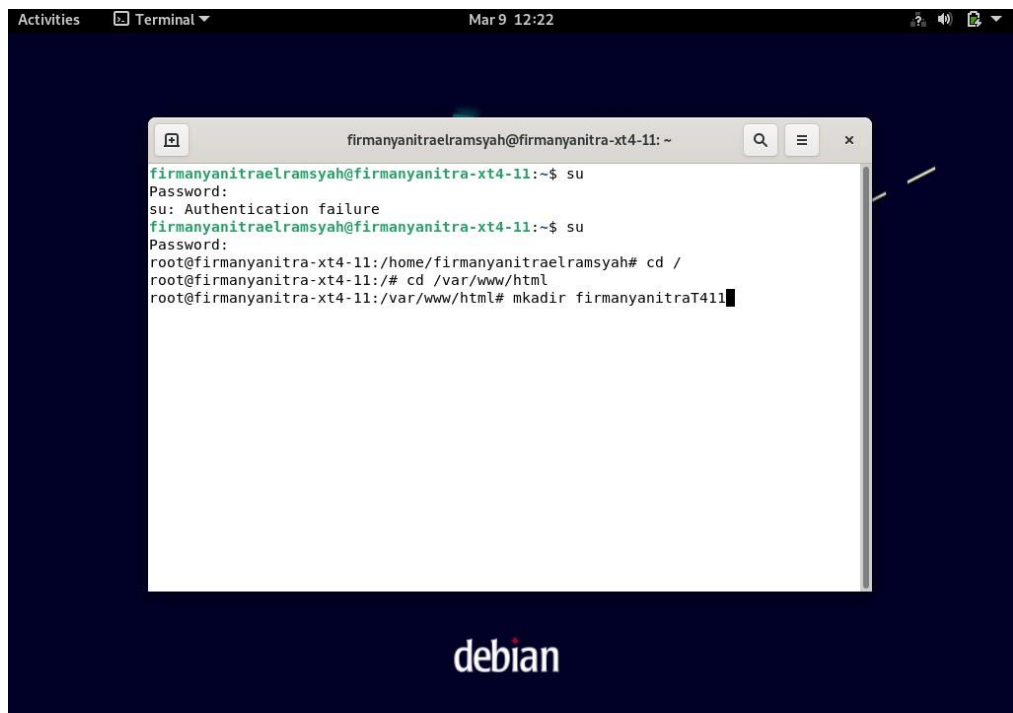
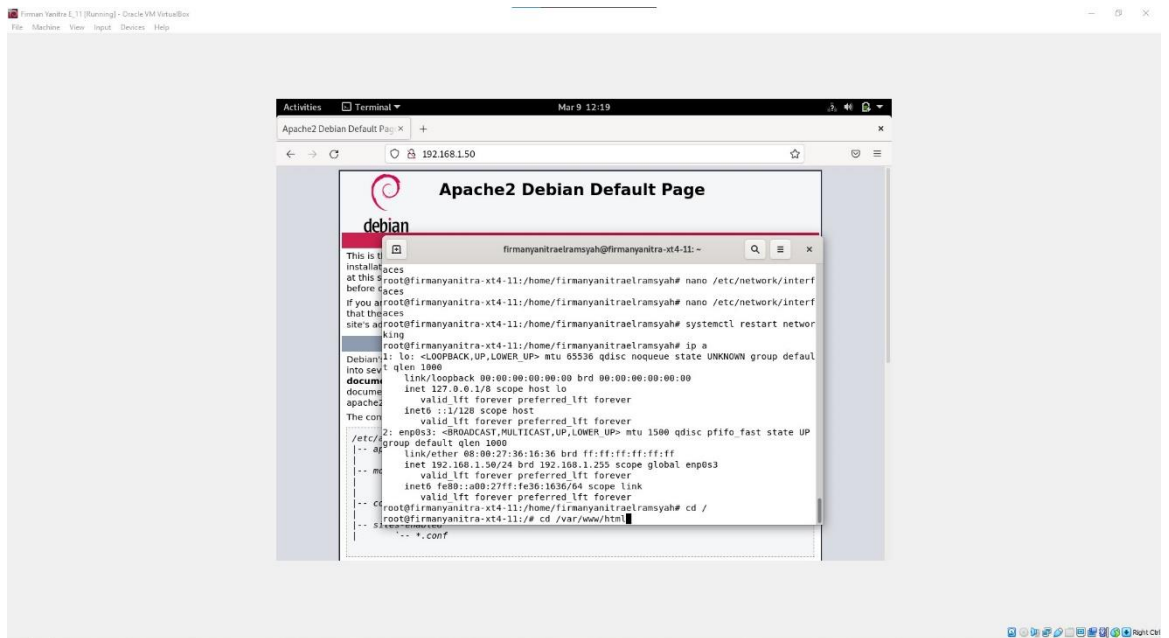
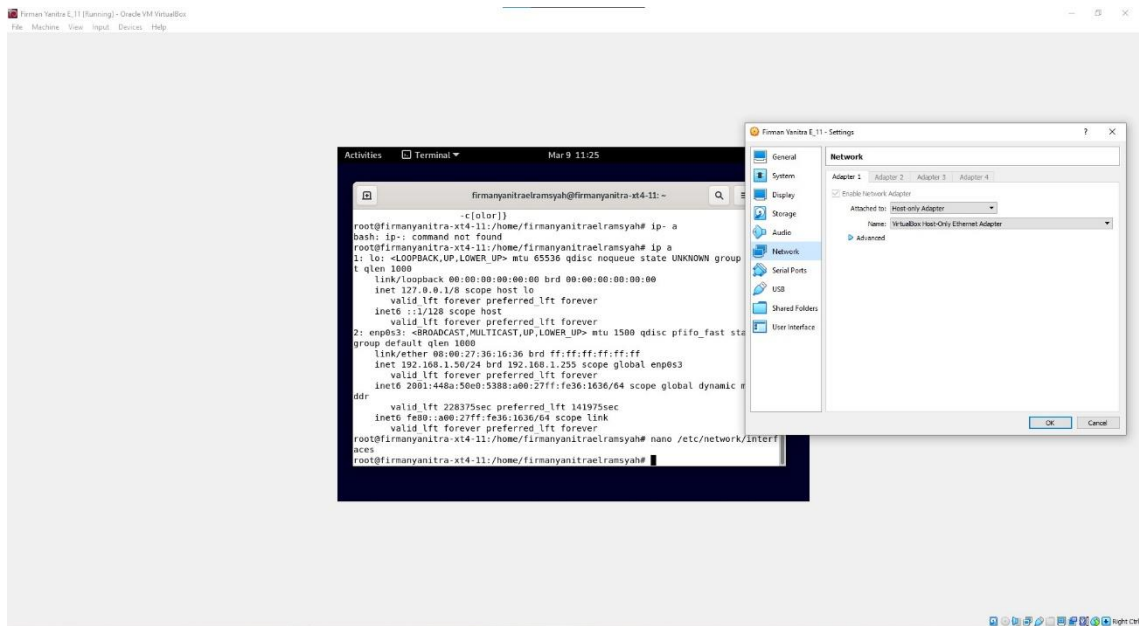
# The loopback network interface
auto lo
iface lo inet loopback

auto enp0s3
iface enp0s3 inet static
    address 192.168.1.50
    subnetmask 255.255.255.0
    gateway 192.168.1.1
    #dns-nameservers 8.8.8.8
```

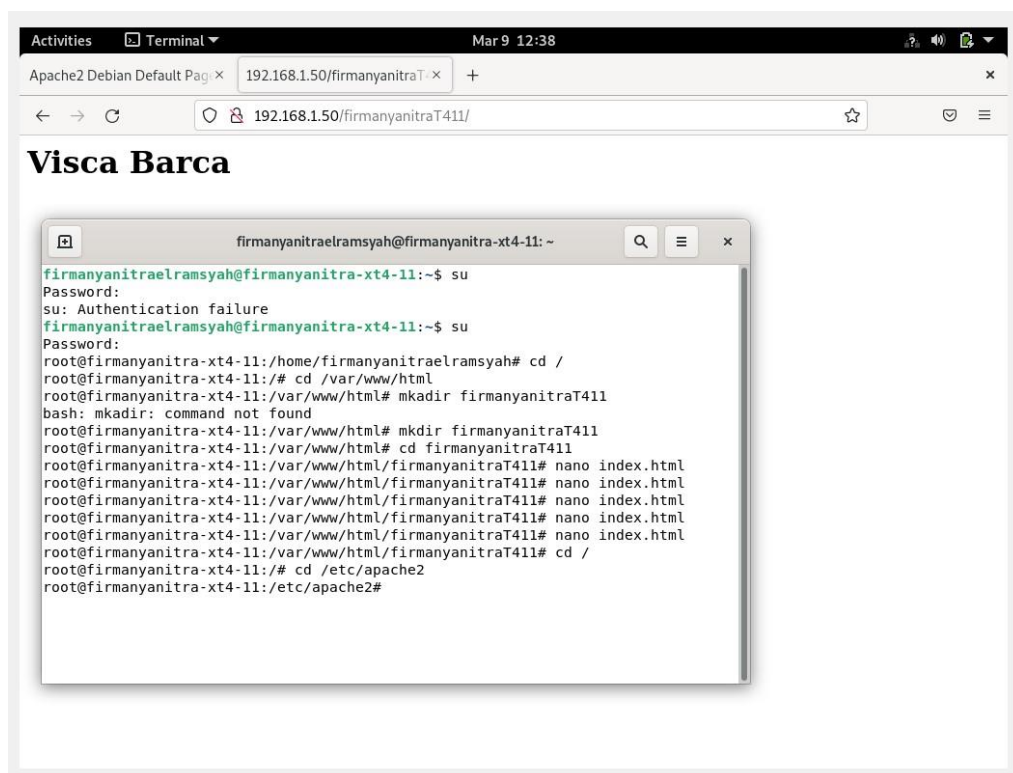
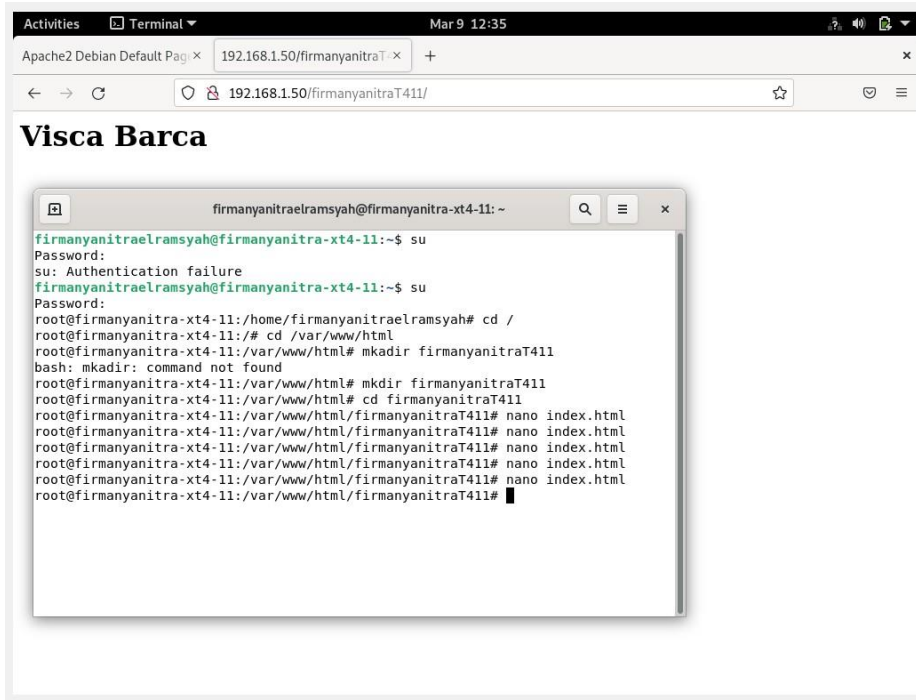
20. Setelah itu exit dari network interfaces dan kembali ke halaman utama dan ketik systemctl restart networking

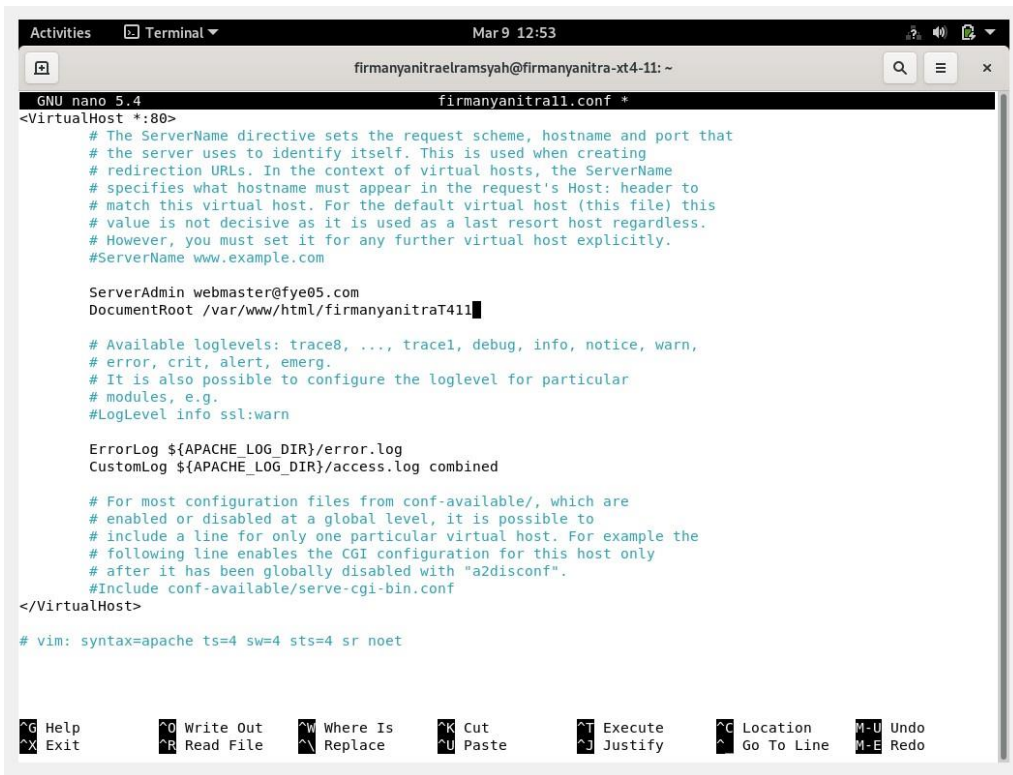
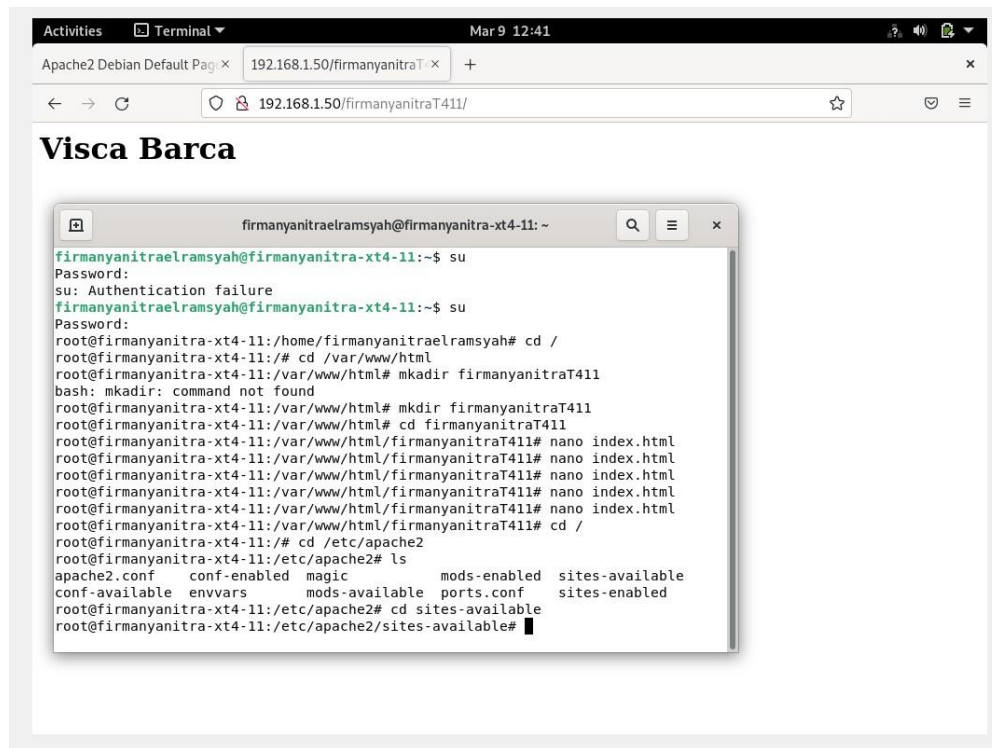


```
Feb 22 08:45:09 firmanyanitra-xt4-11 sshd[7507]: Server listening on :: port 22.
Feb 22 08:45:09 firmanyanitra-xt4-11 systemd[1]: Started OpenBSD Secure Shell s
root@firmanyanitra-xt4-11:/home/firmanyanitraelramsyah# ip -c a
1: lo: <LOOPBACK,UP,LOWER_UP> mtu 65536 qdisc noqueue state UNKNOWN group default qlen 1000
    link/loopback 00:00:00:00:00:00 brd 00:00:00:00:00:00
    inet 127.0.0.1/8 scope host lo
        valid_lft forever preferred_lft forever
    inet6 ::1/128 scope host
        valid_lft forever preferred_lft forever
2: enp0s3: <BROADCAST,MULTICAST,UP,LOWER_UP> mtu 1500 qdisc pfifo_fast state UP group default qlen 1000
    link/ether 08:00:27:36:16:36 brd ff:ff:ff:ff:ff:ff
    inet 10.0.2.15/24 brd 10.0.2.255 scope global dynamic noprefixroute enp0s3
        valid_lft 77535sec preferred_lft 77535sec
    inet6 fe80::a00:27ff:fe36:1636/64 scope link noprefixroute
        valid_lft forever preferred_lft forever
root@firmanyanitra-xt4-11:/home/firmanyanitraelramsyah# nano /etc/network/interfaces
root@firmanyanitra-xt4-11:/home/firmanyanitraelramsyah# nano /etc/network/interfaces
root@firmanyanitra-xt4-11:/home/firmanyanitraelramsyah# systemctl restart networking
```









```
Activities Terminal Mar 9 12:55
firmanyanitraelramsyah@firmanyanitra-xt4-11: ~
GNU nano 5.4 firmanyanitra11.conf
<VirtualHost *:80>
# The ServerName directive sets the request scheme, hostname and port that
# the server uses to identify itself. This is used when creating
# redirection URLs. In the context of virtual hosts, the ServerName
# specifies what hostname must appear in the request's Host: header to
# match this virtual host. For the default virtual host (this file) this
# value is not decisive as it is used as a last resort host regardless.
# However, you must set it for any further virtual host explicitly.
#ServerName www.example.com

ServerAdmin webmaster@fye05.com
DocumentRoot /var/www/html/firmanyanitraT411
serveralias www.fye05.com

# Available loglevels: trace8, ..., trace1, debug, info, notice, warn,
# error, crit, alert, emerg.
# It is also possible to configure the loglevel for particular
# modules, e.g.
#LogLevel info ssl:warn

ErrorLog ${APACHE_LOG_DIR}/error.log
CustomLog ${APACHE_LOG_DIR}/access.log combined

# For most configuration files from conf-available/, which are
# enabled or disabled at a global level, it is possible to
# include a line for only one particular virtual host. For example the
# following line enables the CGI configuration for this host only
# after it has been globally disabled with "a2disconf".
#Include conf-available/serve-cgi-bin.conf
</VirtualHost>

# vim: syntax=apache ts=4 sw=4 sts=4 sr noet

^G Help      ^O Write Out  ^W Where Is   ^K Cut        ^T Execute    ^C Location   M-U Undo
^X Exit      ^R Read File  ^N Replace    ^P Paste      ^J Justify    ^_ Go To Line  M-E Redo
```

```
Activities Terminal Mar 9 13:00
firmanyanitraelramsyah@firmanyanitra-xt4-11: ~
firmanyanitraelramsyah@firmanyanitra-xt4-11:~$ su
Password:
su: Authentication failure
firmanyanitraelramsyah@firmanyanitra-xt4-11:~$ su
Password:
root@firmanyanitra-xt4-11:/home/firmanyanitraelramsyah# cd /
root@firmanyanitra-xt4-11:/# cd /var/www/html
root@firmanyanitra-xt4-11:/var/www/html# mkdir firmanyanitraT411
bash: mkdir: command not found
root@firmanyanitra-xt4-11:/var/www/html# mkdir firmanyanitraT411
root@firmanyanitra-xt4-11:/var/www/html# cd firmanyanitraT411
root@firmanyanitra-xt4-11:/var/www/html/firmanyanitraT411# nano index.html
root@firmanyanitra-xt4-11:/var/www/html/firmanyanitraT411# nano index.html
root@firmanyanitra-xt4-11:/var/www/html/firmanyanitraT411# nano index.html
root@firmanyanitra-xt4-11:/var/www/html/firmanyanitraT411# nano index.html
root@firmanyanitra-xt4-11:/var/www/html/firmanyanitraT411# nano index.html
root@firmanyanitra-xt4-11:/var/www/html/firmanyanitraT411# cd /
root@firmanyanitra-xt4-11:/# cd /etc/apache2
root@firmanyanitra-xt4-11:/etc/apache2# ls
apache2.conf  conf-enabled  magic          mods-enabled  sites-available
conf-available  envvars      mods-available  ports.conf    sites-enabled
root@firmanyanitra-xt4-11:/etc/apache2# cd sites-available
root@firmanyanitra-xt4-11:/etc/apache2/sites-available# cp 000-default.conf firmanyanitra11.conf
root@firmanyanitra-xt4-11:/etc/apache2/sites-available# ls
000-default.conf  default-ssl.conf  firmanyanitra11.conf
root@firmanyanitra-xt4-11:/etc/apache2/sites-available# nano firmanyanitra11.conf
root@firmanyanitra-xt4-11:/etc/apache2/sites-available# nano firmanyanitra11.conf
root@firmanyanitra-xt4-11:/etc/apache2/sites-available# nano firmanyanitra11.conf
root@firmanyanitra-xt4-11:/etc/apache2/sites-available# cp firmanyanitra11.conf /etc/apache2/sites-enabled
root@firmanyanitra-xt4-11:/etc/apache2/sites-enabled#
```

```
GNU nano 5.4 db.firman
;
; BIND data file for local loopback interface
;
$TTL 604800
@ IN SOA localhost. root.localhost. (
        2          ; Serial
        604800     ; Refresh
        86400      ; Retry
        2419200    ; Expire
        604800 )   ; Negative Cache TTL
;
@ IN NS localhost.
@ IN A 127.0.0.1
@ IN AAAA ::1
```